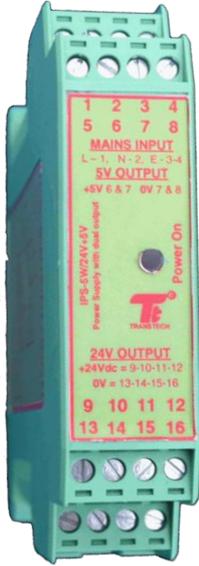


**MODEL: - IPS-5W/xx+5V-U**  
 Switch Mode Power Supply 85 – 265Vac to 12Vdc or 24Vdc at 0.25AMP



## GENERAL DESCRIPTION

The IPS-5W/xx+5V-U is the slimmest and most compact in the IPS-...series.

The newly developed IPS-5W/xx+5V-U is a low-cost switch-mode power supply utilizing the latest technology, thus giving the user low thermal dissipation and high transformer utilization factor. The IPS-5W/xx offers both 12V or 24V primary outputs but in addition has an additional isolated 5V output for powering TTL level circuits.

## TECHNICAL DATA

### Power Supply (Input)

Supply	85 - 265Vac or 120 – 375Vdc
Frequency	-
Power	7.5VA

### Output:

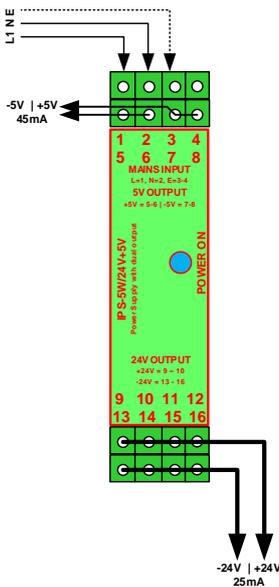
Supply Nominal	24 Vdc @ 250mA continuous 5Vdc @ 45mA continuous
Ripple & Noise	Less than 5mV RMS less than 35mV peak
Hold up time	20mSec @ Full Load
Other outputs	5Vdc, 12Vdc,

## FEATURES

- ◆ Fuse Protected Mains Input
- ◆ Plug Off Terminals (4 for +ve / 4 for -ve)
- ◆ Power ON LED
- ◆ 250mA continuous output for 24V
- ◆ 45mA continuous output for 5V
- ◆ 40mA short term overload capability
- ◆ Short circuit protected output
- ◆ Low output noise and ripple
- ◆ C-tick / CE marking

## GENERAL SPECIFICATION

Overall Efficiency	73% or better
Isolation (Input/Output)	4kV rms (VDE 0550 and BS415 Class 2)
Operating Temp	0 to 60 Deg C
Storage Temp	-25 to 60 Deg C
Mounting Style	DIN Rail
Terminals	Self-opening 2.5mm/12AWG (plug on/off)
Housing Material	KRILEN
Dimensions	115mm X 100mm X 22mm (H x D x W)
Weight	300 grams



SCHMATIC DIAGRAM

